[Proposed Legislation]

OPTION 4: Designated Smoking Areas Within the Workplace Where Smoking and Nonsmoking Areas Share a Common Ventilation System

A. Recognizing the interests of both smokers and nonsmokers, smoking tobacco will be restricted in indoor spaces as follows where smoking and nonsmoking areas share a common ventilation system:

1. smokers and nonsmokers shall be physically grouped in discrete areas;

2. unless otherwise specified in building codes, ASHRAE ventilation standard 62-1989 shall be implemented to guarantee an outdoor air exchange rate of at least 20 cfm/person;

3. if possible, smoking areas shall be placed nearer exhaust systems so that air movement will be directed from nonsmoking areas to smoking areas, thus minimizing migration of tobacco smoke from smoking areas to nonsmoking areas;

4. if possible, nonsmoking areas shall be placed nearer fresh air vents;

5. in buildings meeting the ASHRAE 62-1989 standard for ventilation, return air from designated smoking areas shall be diluted by outside air and filtered prior to returning to the supply system;

6. filters should have a minimum filtration efficiency of 40 percent according to ASHRAE ventilation standard 52-76;

7. portable smoke removal devices shall be provided to those requesting them; and

8. building owners or proprietors shall:

   a. confirm that fresh air is distributed evenly throughout occupied spaces;

   b. ensure that fresh air intakes are open and clean;

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c. install air filters properly to prevent air bypass around filter edges; and

d. consider 100 percent air exchange and energy recovery using heat exchangers to provide maximum ventilation if complaints about indoor air quality in office buildings could be traced to tobacco smoke.

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